VHE Lifts 110T Rail Bridge during £15m contract for Cudworth Bypass

VHE has installed a 110 tonne rail bridge as part of the construction of the £15m contract for Cudworth and West Green Bypass for Barnsley MBC.

The 22m long bridge was lifted into position by a 800 tonne Demag AC700 crane on Saturday 6 June during a 28 hour rail possession. VHE and specialist rail subcontractors CML required only 30 minutes to install the single span bridge deck which was fabricated by Lanarkshire Welding.

The route of the 5.2km single carriageway runs through the embankment underneath the existing single track rail line connecting manufacturer Ardagh Glass with the Wakefield to Grimethorpe rail line. Rail freight has been diverted along 300m of temporary rail on the Monk Bretton Branch line, constructed by VHE, which will be removed when the original line is reinstated in early July.

The £21.2m long-awaited Bypass will reduce the amount of traffic, especially heavy goods vehicles, using the A628 through Cudworth, and improve access to local employment sites.

The 18-month programme commenced on 10th November 2008 and also includes 5 roundabouts, a road bridge over the new road, 3 underpasses, 4 box culverts up to 1150m³ for water flow storage, 4 watercourse culverts, major drainage works, street lighting and signage.

As well as being the main contractor for the scheme VHE, one of specialist engineering arms of Renew, is also responsible for the design of the drainage, structures and surfacing.

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